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11 object light obtained by irradiating the object which is positioned between a slit
12 and the transmission-type hologram with diffused light having passed through the
13 slit; and irradiation light having an incident optical path different from that of the
14 object light.

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1 6. An optical display apparatus, comprising a hologram device
2 and a light source, wherein the hologram is a reflection-type hologram formed
3 by:

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4 light having information of an object; and
5 reference light having an incident optical path different from that of
6 the light having the information of the object wherein

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7 a reconstructed image of the object is displayed by light from the
8 light source, and wherein

9 the light having the information of the object is light which is
10 obtained by passing reconstructed light of a transmission-type hologram through
11 a slit which is arranged to be adjacent to the transmission-type hologram on
12 which an image of the object is recorded.

1 7. An optical display apparatus, comprising a hologram device
2 and a light source, wherein the hologram is a reflection-type hologram formed
3 by:

4 light having information of an object; and
5 reference light having an incident optical path different from that of
6 the light having the information of the object, wherein

7 a reconstructed image of the object is displayed by light from the
8 light source, and wherein

9 the light having the information of the object is light which is
10 obtained by passing reconstructed light of a transmission-type hologram through:
11 a slit having an aperture which is arranged to be adjacent to the transmission-

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12 type hologram on which an image of the object is recorded; and a cylindrical
13 lens having its generatrix along a longitudinal direction of the aperture of the
14 slit.

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1 13. An optical display apparatus, comprising a hologram device
2 and a light source, wherein the hologram is a reflection-type hologram formed
3 by:

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4 light having information of an object which is obtained by using
5 diffused light diffusing in only one direction of the hologram; and

6 reference light having an incident optical path different from that of
7 the light having the information of the object, and wherein

8 a reconstructed image of the object is displayed by light from the
9 light source.

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1 17. An optical display apparatus according to claim 13, wherein
2 the light having the information of the object is light which is obtained by
3 passing reconstructed light of a transmission-type hologram through a slit which
4 is arranged to be adjacent to the transmission-type hologram on which an image
5 of the object is recorded.

Please cancel claim 1.